

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP20G4/011122

A CLASSIFICATION OF SUBJECT MATTER
G01N33/543 A61K31/427 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A61K C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, EMBASE, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	<p>ROTHERMEL JOHN ET AL: "EP0906 (epothilone B): a promising novel microtubule stabilizer." SEMINARS IN ONCOLOGY. JUN 2003, vol. 30, no. 3 Suppl 6, June 2003 (2003-06), pages 51-55, XP008039857 ISSN: 0093-7754 the whole document</p> <p style="text-align: center;">----- -/--</p>	1

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search

21 September 2005

Date of mailing of the international search report

15. 12 2005

Name and mailing address of the ISA

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C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
X	<p>WITTMANN S ET AL: "Fl avopiridol down-regulates antiapoptotic proteins and sensitizes human breast cancer cells to epothilone B-induced apoptosis" CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 63, no. 1₅, 1 January 2003 (2003-01-01), pages 93-99, XP002290844 ISSN: 0008-5472 abstract</p> <p style="text-align: center;">-----</p>	1
X	<p>WO 00/03024 A (THE ROCKEFELLER UNIVERSITY; THE ADVANCED RESEARCH AND TECHNOLOGY INSTI) 20 January 2000 (2000-01-20) abstract page 32, line 10 - page 36, line 29 page 46, lines 26-29 page 80, line 17 - page 87, line 12; claims 80-95</p> <p style="text-align: center;">-----</p>	1
X	<p>WARTMANN M ET AL: "THE BIOLOGY AND MEDICINAL CHEMISTRY OF EPOTHILONES" CURRENT MEDICINAL CHEMISTRY. ANTI -CANCER AGENTS, BENTHAM SCIENCE PUBLISHERS, HILVERSUM, NL, vol. 2, no. 1, January 2002 (2002-01), pages 123-148, XP009017278 ISSN: 1568-0118 abstract</p> <p style="text-align: center;">-----</p>	1
X	<p>ALTMANN KARL-HEINZ: "Epothilone B and its analogs - a new family of anticancer agents." MINI REVIEWS IN MEDICINAL CHEMISTRY. MAR 2003, vol. 3, no. 2, March 2003 (2003-03), pages 149-158, XP008050865 ISSN: 1389-5575 abstract</p> <p style="text-align: center;">-----</p>	1

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons

- 1 ☐ Claims Nos
because they relate to subject matter not required to be searched by this Authority, namely
- 2 ☐ Claims Nos
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically
- 3 ☐ Claims Nos
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6 4(a)

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows

see additional sheet

- 1 ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims
- 2 ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee
- 3 ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos
- 4 ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims, it is covered by claims Nos

1

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest

☐ No protest accompanied the payment of additional search fees

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claim: 1

Use of epothilone B in the manufacture of a medicament for the treatment of solid tumours.

2. claims: 2-15

A method for predicting diarrhoea in a subject, kits for predicting diarrhoea according to said claims.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011122

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
wo 0003024	A	20-01-2000	NONE

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